



file 08-134

425 S. Palos Verdes Street Post Office Box 151 San Pedro, CA 90733-0151 TEL/TDD 310 SEA-PORT www.portoflosangeles.org

Antonio R. Villaraigosa

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Executive Director

July 17, 2008

California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA. 90013

Attention: Mr. Michael Lyons

Gentlemen:

SUBJECT: APPLICATION FOR WATER QUALITY PERMIT FOR DREDGING AND
CONSTRUCTING A STEEL BULKHEAD WALL AND FOUR CONCRETE
MOORING DOLPHINS AT BERTH 156 IN THE PORT OF LOS ANGELES

Request:

It is respectfully requested that the Port of Los Angeles be authorized to perform dredging of approximately 2,200 cubic yards of material, construction a steel bulkhead wall, a transverse steel sheet pile wall, and four mooring dolphins at Berth 156.

Discussion:

The proposed new construction will consist of the following:

1. Remove the existing rip rap on the slope from elevation +12.0' to elevation -14.0'. Rip rap shall be salvaged and re-used on new slope.
2. Dredge approximately 2,700 cubic yards of dredge material which will be disposed of at an upland soil storage site.

3. Remove and dispose approximately 56 timber pile stubs located within proposed dredge area. The stubs shall be removed down to the dredge line.
4. Remove and dispose approximately 190 lineal feet of existing timber bulkhead located within the proposed dredge area. The timber bulkhead shall be removed down to the dredge line.
5. Construct approximately 190 ft of bulkhead wall. The wall will consist of steel HZ king piles and AZ sheet piles.
6. Construct approximately 3.5'x4.33'x190' reinforced concrete pile cap on top of the bulkhead wall.
7. Construct approximately 55' transverse sheet wall. The wall will consist of AZ sheet piles which will protect the side slope of the existing timber wharf at Berth 155.
8. Construct approximately 76'x7.5'x6" thick reinforced concrete ramp and 4-4'x4' anchor blocks landside of the bulkhead wall.
9. Place approximately 270 cubic yards of salvaged rip rap on new slope.
10. Construct 4 mooring dolphins. Each dolphin will consist of a group of 5 concrete piles connected with a concrete cap.
11. Grade and pave the area adjacent to the new ramp.
12. The existing slope, wharf, and shed at Berth 155 shall remain.

Please see attached LAHD drawings 5-7279-1, -2, -2.A, -2.B, -3, -4, -5, -6, and -7 for additional information.

The attached application and drawings include addendum changes that have already been submitted the US Army Corps of Engineers.

None of the material derived from the new construction are to be discharged into any navigable or ocean waters. Containment booms will be placed around the construction area. During construction, the dredging and pile driving activities will increase turbidity but this disturbance will be temporary and it is not expected to be significant.

If there are any questions regarding this project, please contact Hugo A. Cisneros at (310) 732-3687 or Angel Lim at (310) 732-3614 of this office.

Very truly yours,

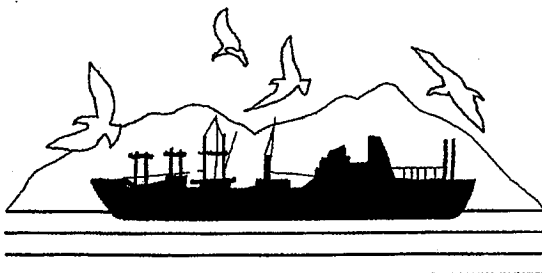


ANTONIO V. GIOIELLO
Chief Harbor Engineer

HAC:mvr
24781c05
24781 1-1

- Enclosures:
1. One Copy of the Los Angeles Region Contaminated Sediment Task Force's Master Dredging Permit Application (REG4-DREDGE-001)
 2. One copy of LAHD Drawings 5-7279-1, -2, -2.A, -2.B, and -3 to -7
 3. One copy of picture key and pictures of the existing area
 4. One copy of the Categorical Exemption
 5. One copy of the Berth 156 Catalina Freight Bulkhead Wall Project Sediment Characterization Results

STATE OF CALIFORNIA



Los Angeles Region
**CONTAMINATED
SEDIMENTS
TASK FORCE**

RECEIVED
2008 AUG 6 PM 3 09
CALIFORNIA REGIONAL WATER
QUALITY CONTROL BOARD
LOS ANGELES REGION

MASTER DREDGING PERMIT APPLICATION

Form Number REG4-DREDGE-001

PLEASE INDICATE WHICH OF THE FOLLOWING THIS FORM APPLIES TO:

- ☒ Section 404 and/or Section 10 dredging permits by the Los Angeles District of the Corps of Engineers
- ☒ California Regional Water Quality Control Board, Los Angeles Region, Report of Waste Discharge, pursuant to Sections 13260, 13374, and 13377 of Article 4, Chapter 4, of the Porter-Cologne Water Quality Control Act*
- ☐ Port of Long Beach Harbor Development Permit
- ☐ Port of Los Angeles Coastal Development Permit
- ☐ California Coastal Commission Coastal Development Permit
- ☐ California Coastal Commission Federal Consistency Certification/Determination

(New 04/02)

*This application shall serve as, and be functionally equivalent to, a Report of Waste Discharge, pursuant to Sections 13260, 13374, and 13377 of Article 4, Chapter 4 of the Porter-Cologne Water Quality Control Act.



LOS ANGELES REGION CONTAMINATED SEDIMENTS TASK FORCE

(Please complete all sections and follow instructions provided with application.)

SECTION 1 - GENERAL INFORMATION

1. APPLICANT INFORMATION (see instructions)

Applicant Name Port of Los Angeles		Contact Name (if different) Hugo A. Cisneros	
Mailing Address P.O. Box 151			City San Pedro
State CA	Zip 90733-0151	Business Phone (310) 732-3687	Residence Phone

2. LEGAL INTEREST (see instructions)

☐ Individual
 ☐ Legal Entity
 ☒ Government
 ☐ Non-profit

☐ Other (Please provide description): _____

Note: You will need to provide a copy of legal interest with this application (e.g., title, lease, deed, and easement).

3. REPRESENTATIVE INFORMATION (see instructions)

Applicant's authorized agent, point of contact, and/or representative <input type="checkbox"/> None			
Name/Title Antonio V. Gioiello - Chief Harbor Engineer		Organization Port of Los Angeles - Engineering Division	
Mailing Address P.O. Box 151		City San Pedro	
State CA	Zip 90733-0151	Business Phone (310) 732-3877	Residence Phone

Who should receive correspondence relevant to this application? ☐ Applicant ☒ Representative ☐ Both

I hereby authorize the above named to act as my representative and bind me in all matters concerning this application.

Signature of Applicant: *[Signature]*
 Date: 4/16/08

THIS BOX IS FOR OFFICIAL USE ONLY		Data Base Entry <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Date received:	ACOE No.		
Date completed:	CCC No.		
SAP Approved:	RWQCB No.		
Data Submitted:	POLA ODP No.		
Date Approved:	POLB HDR No.		

SECTION II - PROJECT INFORMATION

4. GENERAL PROJECT INFORMATION (see instructions)

Project Name or Title Berth 156 Bulkhead Wall		
Type of Dredging Project: <input type="checkbox"/> Maintenance <input checked="" type="checkbox"/> New Work	Timing of Project: <input checked="" type="checkbox"/> Single Episode <input type="checkbox"/> Multi-Episode	
Project description (attach additional sheets if necessary): see attached		
Project need and/or purpose: see attached		
Month and year work is proposed to begin 12/08 : 01/09 (entire project:dredging only)	Estimated completion date 12/2009 : 05/2009	Estimated total project cost \$4,100,000 : \$97,200

5. DREDGING INFORMATION (see instructions)

Dredge Site Berth 156	County Los Angeles	Nearest City Wilmington
Latitude(s) 33-45'-31"	Longitude(s) 118-16'-12"	Waterway Los Angeles Harbor - Slip 1
Type and composition of dredged material (Please give percentages if available) <input checked="" type="checkbox"/> Sand <input checked="" type="checkbox"/> Silt/Clay		
Is the material appropriate for beach replenishment? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Proposed type of equipment/construction methods to be used: clamshell		
Will a temporary rehandling area or storage site be used for the dredged material? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, for what length of time? _____ Site address? _____ Type of containment? _____ Approximate size of area? _____ acres or ft ²		
Will the project result in the construction of temporary or permanent structures? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, please indicate: <input type="checkbox"/> Temporary <input checked="" type="checkbox"/> Permanent Please provide a description: Permanent construction will consist of a new waterfront facility for loading and unloadign barges.		
Will the proposed dredging affect existing public access or public recreational facilities? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please describe location and nature of impact: Please describe how the impacts would be mitigated:		
Will the proposed dredging affect a historic/cultural resource? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please describe location and nature of impact: Please describe how the impacts would be mitigated:		

Box 4. GENERAL PROJECT INFORMATION

Project description:

The project consists of the following items:

- Remove the existing rip rap on the slope from elevation +12.0' to elevation -14.0'. Rip rap shall be salvaged and re-used on new slope.
- Dredge approximately 2,700 cy of dredge material which will be disposed of at anchorage road upland soil storage site.
- Remove and dispose approximately 56 timber pile stubs located within proposed dredge area. The stubs shall be removed down to the dredge line.
- Remove and dispose approximately 190 lineal feet of existing timber bulkhead located within the proposed dredge area. The timber bulkhead shall be removed down to the dredge line.
- Construct approximately 190 ft of bulkhead wall. The wall will consist of steel HZ king piles and AZ sheet piles.
- Construct approximately 3.5'x.5'x190' reinforced concrete pile cap on top of the bulkhead wall.
- Construct approximately 55' transverse sheet wall. The wall will consist of AZ sheet piles which will protect the side slope of the existing timber wharf at b155.
- Construct approximately 76'x7.5'x6" thick reinforced concrete ramp and 4-4'x4' anchor blocks landside of the bulkhead wall.
- Place approximately 270 cy of salvaged rip rap on new slope.
- Construct 4 mooring dolphins. Each dolphin will consist of a group of 5 concrete piles connected with a concrete cap.
- Grade and pave the area adjacent to the new ramp.
- The existing slope, wharf, and shed at berth 155 shall remain.

See attached drawing 5-7279-1, -2, -2.A, -2.B, -3, -4, -5, -6, and -7.

Project need and/or purpose:

Catalina Freight Company will be relocated from Berth 184 to Berths 155-156. The new facility at Berths 155-156 is currently underutilized, with occasional bulk storage in the historic warehouse building and occasional lay-berth use of the wharf. The Catalina Freight operation will allow for much more efficient use of the facility, while preserving the historic warehouse and wharf. The current facility at Berth 184 will be freed for other uses.

5. DREDGING INFORMATION

Will the proposed dredging affect a historic/cultural resource?

Please see attached photos of Berth 156. As shown in the attached photos, the historical wharf was removed (approx 10-15 years ago). All that remains is a rock dike.

The project does not include any work at Berth 155. The project does include work at the shed at B155 (a historical structure) but the work is interior work only (upgrading the HVAC and bathrooms) and will not damage the historical integrity of the building.

BOX 5 (CONTINUED)

Depth of dredging based on Mean Lower Low Water (MLLW) datum

Existing depth: slope: +12' to -30'

Over/depth tolerance: 2'-0"

Proposed design depth: -14'

Proposed total depth: -16'

Volume of material to be dredged: 2,700 cy, area of dredging: 0.16 acres

Type(s) of substrate being dredged:

☒ Sub-tidal Bottom ☐ Mudflat ☐ Wetlands ☐ Estuary ☒ Other: tidal zone

Please list agency and identification numbers of any previous permits for this activity:

Agency	Permit/Approval	Permit No.	Issue Date

If applicable, please give the Assessor's Parcel Number: _____

6. DISPOSAL SITE INFORMATION**AQUATIC DISPOSAL** (see instructions)Does the project involve aquatic disposal? ☐ Yes ☒ NoSite: (please check all that apply) ☐ LA-2 ☐ LA-3 ☐ CAD ☐ In-Harbor ☐ RCDS ☐ Other: _____

Total volume of dredged material designated for aquatic disposal: _____ cy

Will the proposed disposal affect a historic/cultural resource? ☐ Yes ☐ No

If Yes, please describe location and nature of impact: _____

SITE INFORMATION (Please attach the following information for additional sites):

☐ LA-2 ☐ LA-3 ☐ CAD ☐ In-Harbor ☐ RCDS ☐ Other: _____

Volume of dredged material designated for this aquatic disposal site: _____ cy

Is the site an existing site that regularly receives dredged material? ☐ Yes ☐ No

Year site was last used for dredged material disposal: _____

Proposed type of equipment/construction methods to be used: _____

A manned discharge barge with self-contained positioning capability

PROPOSED UPLAND, WETLAND, REUSE, OR FILL DISPOSAL (see instructions)Does the project involve upland, wetland, reuse, or fill disposal? ☒ Yes ☐ No

If the project will involve upland, wetland, or fill disposal, but will not involve reuse, please explain why reuse has not been considered: _____

The sediment was shown to not be suitable for ocean disposal

Will the proposed disposal affect a historic/cultural resource? ☐ Yes ☒ No

If Yes, please describe location and nature of impact: _____

Site(s): (please check all that apply)

☒ Upland ☐ Federal Wetland ☐ State Wetland ☐ Reuse ☐ Fill

Total volume of dredged material designated for upland, wetland, reuse, and fill disposal: 2,200 cy

SITE INFORMATION (Please attach the following information for additional sites):

(Check only one) ☒ Upland ☐ Federal Wetland ☐ State Wetland ☐ Reuse ☐ Fill

Site Name:

Anchorage Road Upland Soil Storage Site (ARUSSS)

BOX 6 (CONTINUED)

Site Description (see instructions):

The 21.4 acres site has a perimeter berm with an elevation of +30' and an inside elevation of +13'. It is currently used as a storage site of dredged material that is unsuitable for ocean disposal. Berths 203-205.

Site Address corner of Anchorage Rd and Shore Rd		City Wilmington	State CA	Zip 90744
Latitude(s) 33.7660	Longitude(s) -118.2455		Zoning	
Owner's Name Port of Los Angeles - Antonio V. Gioiello - CHE			Phone Number 310-732-3877	
Address 425 S Palos Verdes St		City San Pedro	State CA	Zip 90731
Does this site include jurisdictional wetlands? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, give name and permit number of approved wetlands project where material will be placed:				
Is the site an existing site that regularly receives dredged material? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Year site was last used for dredged material disposal: 2003 Volume of dredged material designated for this disposal site: 2,200 cy Proposed type of equipment to be used: barge, liquid tight trucks				
Will disposal result in the construction of temporary or permanent structures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please describe:				
Will the proposed disposal affect existing public access or public recreational facilities? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please describe how the impacts would be mitigated:				
Will the proposed disposal involve the transportation of dredged material by trucks? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, please describe the number of truck trips and the route to be used: approx 195 trucks @ 10cy capacity ea., traveling 1/2 mile from B200Z (dredge transfer site) to ARUSSS				
(Attach the above information for additional sites)				

7. SENSITIVE AREAS (see instructions)

Does the project have the potential to affect a sensitive area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Type of Habitat:	<input type="checkbox"/> Inter-Tidal	<input type="checkbox"/> Sub-Tidal	<input type="checkbox"/> Coastal Wetlands
<input type="checkbox"/> Sandy Beach	<input type="checkbox"/> Eelgrass	<input type="checkbox"/> Kelp Forest	<input type="checkbox"/> Riparian
Habitat Name:			
Habitat Size: _____ acres or ft ²		Size of area impacted: _____ acres or ft ²	
Estimated Dates of Impact: From _____ To _____			
Have you contacted the following agencies? (see instructions):			
1. U.S. Environmental Protection Agency	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
2. U.S. Fish and Wildlife	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
3. U.S. Army Corps of Engineers	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
4. National Marine Fisheries Service	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
5. U.S. Bureau of Land Management	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
6. Nat'l Oceanic & Atmospheric Association	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
7. CA Environmental Protection Agency	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
8. CA Department of Fish & Game	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
9. CA State Lands Commission	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
10. S. Coast Air Quality Mgmt. District	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
11. California Coastal Commission	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
12. Regional Water Quality Control Board	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	

(BOX 7 CONTINUED)

If Yes to any of the above, please give the following information for each agency:
If more than can be entered here, please attach a supplemental list.

Name of Agency:

Name of Contact:

Permit required?: ☐ Yes ☐ No If Yes, please give number:

Special Condition(s) required?: ☐ Yes ☐ No
If Yes, please describe:

Name of Agency:

Name of Contact:

Permit required?: ☐ Yes ☐ No If Yes, please give number:

Special Condition(s) required?: ☐ Yes ☐ No
If Yes, please describe:

Name of Agency:

Name of Contact:

Permit required?: ☐ Yes ☐ No If Yes, please give number:

Special Condition(s) required?: ☐ Yes ☐ No
If Yes, please describe:

Name of Agency:

Name of Contact:

Permit required?: ☐ Yes ☐ No If Yes, please give number:

Special Condition(s) required?: ☐ Yes ☐ No
If Yes, please describe:

8. THREATENED OR ENDANGERED SPECIES (see instructions)

Does the project have the potential to affect any federal or state threatened or endangered species?

☐ Yes ☒ No If Yes, please indicate: ☐ Federal ☐ State

Note: If more than one, please attach a supplemental list.

Name of species:

Location of species in relation to project:

Estimated Dates of Impact: From _____ To _____

Do these dates coincide with the breeding season?: ☐ Yes ☐ No

Has a Section 7 consultation been initiated? ☐ Yes ☐ No

Have you prepared a mitigation plan? ☐ Yes ☐ No

If Yes, please attach; if No, please give the expected submission date: _____

Does this project have the potential to affect any marine fisheries or marine mammals? ☐ Yes ☐ No

If Yes, have you consulted National Marine Fisheries Service?: ☐ Yes ☐ No

If Yes, please give the following information:

Name of Contact:

Permit required?: ☐ Yes ☐ No If Yes, please give number:

Special Condition(s) required?: ☐ Yes ☐ No
If Yes, please describe:

(BOX 8 CONTINUED)

Have you consulted CA Department of Fish & Game?: <input type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes, please give the following information:	
Name of Contact:	
Permit required?: <input type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, please give number:
Special Condition(s) required?: <input type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes, please describe:	

9. ESSENTIAL FISH HABITAT (see instructions)

Does the project have the potential to affect any essential fish habitat? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Fishery Type: <input type="checkbox"/> Coastal Pelagic Species <input type="checkbox"/> Salmon <input type="checkbox"/> Pacific Coast Groundfish	
<i>Note: If more than one, please attach a supplemental list.</i>	
Affected Species :	
Has an analysis of the effect of the project on managed species been conducted ? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes, please attach; if No, please give the expected submission date:	
Have you contacted National Marine Fisheries Service? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes, please give the following information:	
Name of Contact:	
Permit required?: <input type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, please give number:
Special Condition(s) required?: <input type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes, please describe:	

SECTION III - OTHER REQUIRED INFORMATION**10. ENVIRONMENTAL APPROVALS (see instructions)**

<i>Note: Please provide a copy of the project's environmental documentation with your application.</i>	
CEQA Lead Agency:	
Type of Environmental Documentation: <input checked="" type="checkbox"/> CE <input type="checkbox"/> ND <input type="checkbox"/> EIR	
Date of Approval: <u>March 12, 2008</u>	or Approximate date of completion: _____
NEPA Lead Agency:	
Type of Environmental Documentation: <input type="checkbox"/> CE <input type="checkbox"/> EA <input type="checkbox"/> EIS	
Date of Approval: _____	or Approximate date of completion: _____

11. OTHER APPROVALS (see instructions)

CA DEPARTMENT OF FISH & GAME - 1601 & 1603 Approval <input checked="" type="checkbox"/> None Required	
Number _____	Date of Application _____ Date of Issuance _____
LOCAL GOVERNMENT APPROVALS	
Approving Agency:	Approval Type:
Approval Date:	Local Contact & Phone:
Approving Agency:	Approval Type:
Approval Date:	Local Contact & Phone:
Approving Agency:	Approval Type:
Approval Date:	Local Contact & Phone:

9. ESSENTIAL FISH HABITAT

Biological Resources:

The proposed Project is located at Berth 155-156 in the Inner Harbor at the Port of Los Angeles. The soft bottom benthos of Berth 155-156 area is generally dominated by polychaete annelids (worms), with crustaceans and mollusks moderately abundant and other taxa less abundant. Polychaetes were still numerically dominant in the area and remain the most speciose taxonomic group throughout the West Basin (MBC 2003).

Organisms on hard substrates in the Harbor show vertical zonation similar to that on rocky shores. Species present include barnacles, mussels, polychaete worms, limpets, anemones, and algae (MEC 1988, LAHD 1991b). The Inner Harbor is dominated by sparse coverage of stress-tolerant algal species such as *Ulva* spp. and *Enteromorpha* spp. (USACE and LAHD 1984). During a survey, rock riprap at Berths 121-126, representative of Inner Harbor riprap, was found to support 23 species of crustaceans, polychaete worms, mollusks, and algae with a biomass of 41 g/m² (LAHD 1981). The intertidal zone in the Inner Harbor is dominated by barnacles (*Balanus amphitrite*) with a few bay mussels (*Mytilus edulis*) and slipper limpets (*Crepidula onyx*). Organisms in the subtidal zone include sea anemones, slipper limpets, gorgonian coral (*Muricea* sp.), polychaete worms, and a solitary tunicate (*Ciona intestinalis*). Wood and concrete pilings surveyed in 1981 contained 30 species with a biomass of 121 g/m² on the concrete piles and 277 g/m² on the wood piles (LAHD 1981).

Organisms in the water column include plankton (small floating animals and plants) and fish. Phytoplankton (plant) communities tend to be less diverse in the Inner Harbor than in the Outer Harbor, but productivity can be higher in the Inner Harbor due to warmer water temperatures, nutrient inputs, and reduced circulation (Allan Hancock Foundation 1980). Inner Harbor zooplankton (animal) communities are dominated by copepods that have seasonal peaks and declines. Ichthyoplankton (fish eggs and larvae) species and abundances vary on a spatial and temporal basis in the Harbor. Larvae of northern anchovy (*Engraulis mordax*), white croaker (*Genyonemus lineatus*), blenny (*Hypsoblennius* spp.), arrow goby (*Clevelandia ios*), and other members of the family Gobiidae (gobies) have all been found to be abundant. Recent surveys in the West Basin (MEC and Associates 2002) found the most abundant larvae to be unidentified gobies, bay goby (*Lepidogobius lepidus*), northern anchovy, queenfish (*Seriphus politus*), blenny, white croaker, and yellowfin goby (*Acanthogobius flavimanus*). The latter is a non-native species. Fish eggs were found from unidentified fish, croaker, and speckled sanddab (*Citharichthys stigmaeus*). The species composition and abundance of ichthyoplankton in the Harbor has been shown to be similar to that of the juvenile and adult fish community (Brewer 1983), suggesting that the Harbor is a nursery for nearly all of the fish species found there as adults (MEC 1988, MBC 1984). Species richness and diversity in the Harbor complex tend to decrease along a gradient from the Outer Harbor to the Inner Harbor (USACE and LAHD 1984). The fish community in the Inner Harbor is dominated by a few species that comprise a very high percentage of the total catch. While 36 species have been collected during regular monitoring in the West Basin since 1978, two species, white croaker and northern anchovy, account for 92 percent of all individuals collected during the surveys (MBC 2002). Other common species include queenfish, bay goby, white seaperch, and shiner perch. Fish surveys in 2000 (MEC and Associates 2002) using Lampara nets and otter trawls found 28 species in the West Basin. The dominant species (in numbers of individuals) were northern anchovy, topsmelt (*Atherinops affinis*), white croaker, queenfish, and specklefin midshipman (*Porichthys myriaster*). The mean catch per haul was 234 fish (3.1 kg) for the lampara net and 179 fish (1.3 kg) for the otter trawl. The number of fish collected varied by season with the lowest in winter and the highest in summer.

The most common FMP species present in the Berth 155-156 area are northern anchovy, Pacific sardine, and jack mackerel (MEC and Associates 2002). Rock dike work at Berths 156 could affect these FMP species through habitat disturbance and turbidity (e.g., rock riprap placement). These effects would be temporary, occurring at intervals lasting approximately 1 to 30 days with a

return to baseline conditions following construction. No permanent loss of habitat would occur from the wharf work and few if any individual fish would be lost because most individuals would avoid the work area, resulting in no loss of sustainable fisheries.

12. ADJOINING PROPERTY OWNERS (see instructions)

Please provide names and addresses of property owners, lessees, etc., whose property adjoins either the project or the disposal site (disposal site information is not required for the designated aquatic sites). If more than can be entered here, please attach a supplemental list.

Name Pasha Stevedoring & Terminals			
Address 802 S. Fries Ave	City Wilmington	State CA	Zip 90744
Property adjoins: <input checked="" type="checkbox"/> Dredging Site <input type="checkbox"/> Disposal Site Party given is: <input type="checkbox"/> Owner <input checked="" type="checkbox"/> Lessee <input type="checkbox"/> Other (explain): Berths 152-155			
Name L.A.H.D. Construction & Maintenance			
Address 500 Pier A Street	City Wilmington	State CA	Zip 90744
Property adjoins: <input checked="" type="checkbox"/> Dredging Site <input type="checkbox"/> Disposal Site Party given is: <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Lessee <input checked="" type="checkbox"/> Other (explain): Berth 161			
Name Shore Terminals			
Address 841 La Paloma	City Wilmington	State CA	Zip 90744
Property adjoins: <input checked="" type="checkbox"/> Dredging Site <input type="checkbox"/> Disposal Site Party given is: <input type="checkbox"/> Owner <input checked="" type="checkbox"/> Lessee <input type="checkbox"/> Other (explain): Berths 163-164			
Name Ultramar, Inc.			
Address 2402 E. Anaheim St.	City Wilmington	State CA	Zip 90744
Property adjoins: <input checked="" type="checkbox"/> Dredging Site <input type="checkbox"/> Disposal Site Party given is: <input type="checkbox"/> Owner <input checked="" type="checkbox"/> Lessee <input type="checkbox"/> Other (explain): Berth 164			

13. CHECKLIST OF ADDITIONAL INFORMATION TO BE SUBMITTED (see instructions)

This box identifies other information that is required before your dredging application can be accepted as complete and processing of the application initiated. Please indicate whether the material is attached or in-progress. If the material is in-progress, please give the expected submission date.

	Attached	OR	In-Progress	Expected Submittal Date
Sampling & Analysis Plan (SAP):	<input checked="" type="checkbox"/>		<input type="checkbox"/>	_____
Testing Data:	<input checked="" type="checkbox"/>		<input type="checkbox"/>	_____
Environmental Documentation:	<input checked="" type="checkbox"/>		<input type="checkbox"/>	_____
Dredging & Disposal Plan:	<input checked="" type="checkbox"/>		<input type="checkbox"/>	_____
Proof of Legal Interest:	<input type="checkbox"/>		<input type="checkbox"/>	_____
Federal Consistency Determination or Certification	<input type="checkbox"/>		<input type="checkbox"/>	_____
Fees:	<input type="checkbox"/> USACE	<input type="checkbox"/> CCC	<input type="checkbox"/> RWQCB	

14. COASTAL DEVELOPMENT PERMIT

Use of this application for a California Coastal Commission Coastal Development Permit (CDP) requires certain additional information. If you plan to use this form to apply for a CDP please provide the following:

- Stamped envelopes addressed to each property owner and occupant of property situated within 100' of property lines of the project site.
- Stamped envelopes addressed to all other parties known to the applicant to be interested in the project.
- Verification of all other permits, permissions, or approvals granted by public agencies such as CA Dept. of Fish and Game, CA State Lands Commission, US Army Corps of Engineers, US Coast Guard, etc.

12. ADJOINING PROPERTY OWNERS (see instructions)

Please provide names and addresses of property owners, lessees, etc., whose property adjoins either the project or the disposal site (disposal site information is not required for the designated aquatic sites). If more than can be entered here, please attach a supplemental list.

Name U.S. Borax & Chemical Corp.			
Address 26877 Tourney Rd.	City Valencia	State CA	Zip 91355-1847
Property adjoins: <input checked="" type="checkbox"/> Dredging Site <input type="checkbox"/> Disposal Site Party given is: <input type="checkbox"/> Owner <input checked="" type="checkbox"/> Lessee <input type="checkbox"/> Other (explain): Berths 165-166			
Name			
Address	City	State	Zip
Property adjoins: <input type="checkbox"/> Dredging Site <input type="checkbox"/> Disposal Site Party given is: <input type="checkbox"/> Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Other (explain):			
Name			
Address	City	State	Zip
Property adjoins: <input type="checkbox"/> Dredging Site <input type="checkbox"/> Disposal Site Party given is: <input type="checkbox"/> Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Other (explain):			
Name			
Address	City	State	Zip
Property adjoins: <input type="checkbox"/> Dredging Site <input type="checkbox"/> Disposal Site Party given is: <input type="checkbox"/> Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Other (explain):			

13. CHECKLIST OF ADDITIONAL INFORMATION TO BE SUBMITTED (see instructions)

This box identifies other information that is required before your dredging application can be accepted as complete and processing of the application initiated. Please indicate whether the material is attached or in-progress. If the material is in-progress, please give the expected submission date.

	Attached	OR	In-Progress	Expected Submittal Date
Sampling & Analysis Plan (SAP):	<input type="checkbox"/>		<input type="checkbox"/>	
Testing Data:	<input type="checkbox"/>		<input type="checkbox"/>	
Environmental Documentation:	<input type="checkbox"/>		<input type="checkbox"/>	
Dredging & Disposal Plan:	<input type="checkbox"/>		<input type="checkbox"/>	
Proof of Legal Interest:	<input type="checkbox"/>		<input type="checkbox"/>	
Federal Consistency Determination or Certification	<input type="checkbox"/>		<input type="checkbox"/>	
Fees:	<input type="checkbox"/> USACE		<input type="checkbox"/> CCC	<input type="checkbox"/> RWQCB

14. COASTAL DEVELOPMENT PERMIT

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(BOX 14 CONTINUED)

- Declaration of campaign contributions (see attached form Appendix A).
- Declaration of posting (see attached form Appendix B).

If you have any questions concerning these requirements, please contact the California Coastal Commission South Coast District office in Long Beach.

NOTICE TO APPLICANTS

The California Coastal Commission may adopt or amend regulations affecting the issuance of coastal development permits. If you would like notice of such proposals during the pendency of this application, if such proposals are reasonably related to this application, please indicate that desire: ☐ Yes ☐ No

COMMUNICATION WITH COMMISSIONERS

Decisions of the California Coastal Commission must be made on the basis of information available to all commissioners and the public. Therefore, permit applicants and interested parties and their representatives are advised not to discuss with commissioners any matters relating to a permit outside the public hearing. Such contacts may jeopardize the fairness of the hearing and result in invalidation of the Commission's decision by court. Any written material sent to a commissioner should also be sent to the commission office for inclusion in the public record and distribution to other Commissioners.

15. CERTIFICATION OF ACCURACY OF INFORMATION

I hereby certify under penalty of perjury that to the best of my knowledge, the information in this application and all attached exhibits is full, complete, and correct, and I understand that any misstatement or omission of the requested information or of any information subsequently requested shall be grounds for denying the permit, for suspending or revoking a permit issued on the basis of these or subsequent representation, or for the seeking of such other and further relief as may seem proper to the permitting agencies.


Signature of Applicant or Applicant's Representative

Date

4/16/08